

Submit one form per site, per week of sampling.

Site Name: Falcon Refinery Superfund Site

Projected Week of Sampling: 9 Sept 2013

Contract Laboratory Program (CLP) and/or Houston Lab Request for Regional Projections
for September 2013 - R6 EPA

Organic Analyses

SOM01.2	Trace Water by SIM	Trace Water	Low Water	Low Soil	Low Soil by SIM	Med Soil	Turnaround Time (TAT)			
							7	14	21	PR*
VOA		48		140					X	
BNA	47				140				X	
Pesticides										
Aroclors										

If you select a short turnaround (PR, 7 or 14 days), you must submit a justification. Preliminary Results (PR) and 7 day TA might also require Branch Chief approval.

* Preliminary Results (PR) in 48 hrs for VOAs/72 hrs for BNA/Pest/Aroclors

TA = Turnaround time

Note: Selective Ion Monitoring (SIM) available for 3 compounds in VOA fraction and 18 in the BNA fraction. Modified Analyses is available. Three weeks lead time is required. Contact Christy Warren (281/983-2137) or Myra Perez (281/981-2130) for additional information.

Other Analyses

Analysis (Method)	Soil/Sediment	Water	Turnaround Time				PDF file of hardcopy data	
			7	14	21	**PR	(YES) X	(NO)
Total Suspended Solids (SM 2540D)		37			X		PDF file must be requested at the time of scheduling. CLP Only. There is an extra cost ranging from 1% to 10% of price per sample. PDF file is submitted as a CD with the hardcopy data package.	



9598251

Method 5035 – For Volatile Organic Analysis of Soils/Sediments

SOM01.2	# of Low Conc. Samples	# of Medium Conc. Samples
ENCORES or Equivalent (for Soil)	107	
4oz Amber Jar (for Sediment)	33	

Inorganic Analyses

ISM01.3 SOW	PR**	Turnaround Time (days)		
		7	14	21
TAL Metals ICP-AES				
TAL Metals ICP-MS				187
Hg				187
CN				
Dissolved Metals – ICP-AES				
Dissolved Metals – ICP-MS				37
Select a specific metal from the Target Analyte List or several metals.				
Add an analyte not listed on the Target Analyte List.				

** Preliminary Results in 72 hrs for metals

ASB has transitioned from F2Lite to SCRIBE. There will be no support for F2Lite after March of 2012. ALL CLP Clients should be using SCRIBE by April 2012. If training is needed, please contact Myra Perez at 281/983-2130.

The organic SOW, SOM01.2 is currently in use. For a brief summary, please link to this site:

<http://www.epa.gov/superfund/programs/clp/download/som/som12-factsheet.pdf>

The Inorganic Superfund Method (ISM) Statement of Work (SOW) provides several improvements over the previous Inorganic SOW (ILM05.4). These improvements include expansion of the matrix types available for Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP-AES). For ICP - Mass Spectrometry (ICP-MS) analysis, soils have been added. Standard pdf of hardcopy via EDM download available. <http://www.epa.gov/superfund/programs/clp/ism1.htm#geninfo>

A modified analysis is required when you request the following options:

- A) a target compound or analyte not listed
- B) lower detection levels than those specified by the SOW
- C) different matrices (e.g., fish, wipes, etc.)

The client must provide *three* weeks advance notice for the Modified Analysis.

7, 14 and/or preliminary results TAs for ISM & SOM. Please provide justification:

Comments:

Choose an item.

Special Account Site? Please indicate below

Comments: _____



Signature of SAM, RPM, OSC

6SF-RL

Mail Code

8/28/13

Date

Fixed Rate, EA

Contract Type & Contractor

Please e-mail to: warren.christy@epa.gov and to perez.myra@epa.gov by January 16, 2012

Submit one form per site, per week of sampling.

Site Name: Falcon Refinery Superfund Site

Projected Week of Sampling: 16 Sept 2013

Contract Laboratory Program (CLP) and/or Houston Lab Request for Regional Projections
for September 2013 - R6 EPA

Organic Analyses

SOM01.2	Trace Water by SIM	Trace Water	Low Water	Low Soil	Low Soil by SIM	Med Soil	Turnaround Time (TAT)			
							7	14	21	PR*
VOA		28		108					X	
BNA	12				108				X	
Pesticides										
Aroclors										

If you select a short turnaround (PR, 7 or 14 days), you must submit a justification. Preliminary Results (PR) and 7 day TA might also require Branch Chief approval.

* Preliminary Results (PR) in 48 hrs for VOAs/72 hrs for BNA/Pest/Aroclors

TA = Turnaround time

Note: Selective Ion Monitoring (SIM) available for 3 compounds in VOA fraction and 18 in the BNA fraction. Modified Analyses is available. Three weeks lead time is required. Contact Christy Warren (281/983-2137) or Myra Perez (281/981-2130) for additional information.

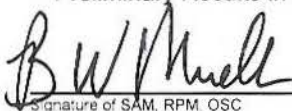
Method 5035 – For Volatile Organic Analysis of Soils

SOM01.2	# of Low Conc. Samples	# of Medium Conc. Samples
ENCORES or Equivalent	108	
Pre-Weighed Vials (Closed System Vials)		

Inorganic Analyses

ISM01.3 SOW	PR**	Turnaround Time (days)		
		7	14	21
TAL Metals ICP-AES				
TAL Metals ICP-MS				137
Hg				137
CN				
Dissolved Metals – ICP-AES				
Dissolved Metals – ICP-MS				
Select a specific metal from the Target Analyte List or several metals.				
Add an analyte not listed on the Target Analyte List.				

** Preliminary Results in 72 hrs for metals


Signature of SAM, RPM, OSC

6SF-RL
Mail Code

8/28/13
Date

Fixed Rate, EA
Contract Type & Contractor

ASB has transitioned from F2Lite to SCRIBE.

There will be no support for F2Lite after March of 2012. ALL CLP Clients should be using SCRIBE by April 2012. If training is needed, please contact Myra Perez at 281/983-2130.

The organic SOW, SOM01.2 is currently in use. For a brief summary, please link to this site:

<http://www.epa.gov/superfund/programs/clp/download/som/som12-factsheet.pdf>

The Inorganic Superfund Method (ISM) Statement of Work (SOW) provides several improvements over the previous Inorganic SOW (ILM05.4). These improvements include expansion of the matrix types available for Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP-AES). For ICP - Mass Spectrometry (ICP-MS) analysis, soils have been added. Standard pdf of hardcopy via EDM download available. <http://www.epa.gov/superfund/programs/clp/ism1.htm#geninfo>

A modified analysis is required when you request the following options:

- A) a target compound or analyte not listed
- B) lower detection levels than those specified by the SOW
- C) different matrices (e.g., fish, wipes, etc.)

The client must provide *three* weeks advance notice for the Modified Analysis.

7, 14 and/or preliminary results TAs for ISM & SOM. Please provide justification:

Comments:

Choose an item.

Special Account Site? Please indicate below

Comments: _____

Submit one form per site, per week of sampling.

Site Name: Falcon Refinery Superfund Site Projected Week of Sampling: 23 Sept 2013
Contract Laboratory Program (CLP) and/or Houston Lab Request for Regional Projections
for September 2013 - R6 EPA

Organic Analyses

SOM01.2	Trace Water by SIM	Trace Water	Low Water	Low Soil	Low Soil by SIM	Med Soil	Turnaround Time (TAT)			
							7	14	21	PR*
VOA		33							X	
BNA	35								X	
Pesticides										
Aroclors										

If you select a short turnaround (PR, 7 or 14 days), you must submit a justification. Preliminary Results (PR) and 7 day TA might also require Branch Chief approval.

* Preliminary Results (PR) in 48 hrs for VOAs/72 hrs for BNA/Pest/Aroclors
TA = Turnaround time

Note: Selective Ion Monitoring (SIM) available for 3 compounds in VOA fraction and 18 in the BNA fraction. Modified Analyses is available. Three weeks lead time is required. Contact Christy Warren (281/983-2137) or Myra Perez (281/981-2130) for additional information.

Method 5035 – For Volatile Organic Analysis of Soils

SOM01.2	# of Low Conc. Samples	# of Medium Conc. Samples
ENCORES or Equivalent		
Pre-Weighed Vials (Closed System Vials)		

ASB has transitioned from F2Lite to SCRIBE. There will be no support for F2Lite after March of 2012. ALL CLP Clients should be using SCRIBE by April 2012. If training is needed, please contact Myra Perez at 281/983-2130.

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<http://www.epa.gov/superfund/programs/clp/ism1.htm#geninfo>

Inorganic Analyses

ISM01.3 SOW	PR**	Turnaround Time (days)		
		7	14	21
TAL Metals ICP-AES				
TAL Metals ICP-MS				35
Hg				35
CN				
Dissolved Metals – ICP-AES				
Dissolved Metals – ICP-MS				35
Select a specific metal from the Target Analyte List or several metals.				
Add an analyte not listed on the Target Analyte List.				

A modified analysis is required when you request the following options:

- A) a target compound or analyte not listed
- B) lower detection levels than those specified by the SOW
- C) different matrices (e.g., fish, wipes, etc.)

The client must provide *three* weeks advance notice for the Modified Analysis.

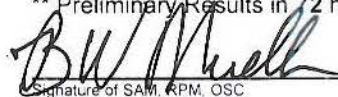
7, 14 and/or preliminary results TAs for ISM & SOM. Please provide justification:
Comments:

Choose an item.

Special Account Site? Please indicate below

Comments: _____

** Preliminary Results in 72 hrs for metals



6SF-RL
Mail Code

8/28/13
Date

Fixed Rate, EA
Contract Type & Contractor

Please e-mail to: warren.christy@epa.gov and to perez.myra@epa.gov by January 16, 2012

Region 6 Sample Control Center, e-mail to warren.christy@epa.gov or to perez.myra@epa.gov

REQUEST FOR LABORATORY SAMPLE ANALYSES

Site Name: Falcon Refinery Superfund Site	City/State: Ingleside, Texas	CERCLIS #:TXD086278058
GPRA Account #:	Site Spill ID #	Type of Investigation/Purpose: Remedial Investigation
EPA SAM, RPM, OSC: Brian Mueller - RPM	Analytical Turnaround Time	Type of Contract: RACS II
Mail Code: <u>6SF-RL</u>	Region 6 Lab: 35 <u>X</u>	Contractor: : EA Engineering
Telephone #: 214-665-7176 Cell Phone # 214-392-1844	CLP Organics: 7 <u> </u> 14 <u> </u> 21 <u>X</u> CLP Inorganics: 7 <u> </u> 14 <u> </u> 21 <u>X</u>	Shipping Contact: Alicia Candelaria
Fax #: 214-665-6660	Are preliminary results required? 48 hrs VOA () Yes (X) No 72 hrs Extractables () Yes (X) No 72 hrs Inorganics () Yes (X) No	Telephone #: 505-224-9013
Potential Enforcement Action? (X) Yes () No	Requires justification and prior approval.	On Site Ph #: 505-288-0807
		E-Mail address: acandelaria@eaest.com
		Date Sample Control Center Received Request For Sample Analysis:
Proposed Sampling Period: 9 September 2013		

Please assure that this request for analytical services has been signed and dated by the appropriate Site Assessment Manager, Remedial Project Manager, or On Scene Coordinator. Please assure that the Sample Control Center has a copy of all relevant Quality Assurance Project Plans (QAPPs) and Sampling and Analysis Plans (SAPs).

Is the QAPP, QASP, SAP, O&M Plan, GWMP, DAW, or other relevant plan being submitted with this Request For Sample Analyses? X Yes Previously Submitted

If no, please explain (expected date of submission etc.):

Signature of EPA Site Assessment Manager (SAM), Remedial Project Manager (RPM), or On Scene Coordinator (OSC) to signify approval of this analytical service request.

Signature: BW Mueller Date: 8/28/13

1. General description of analytical services requested: (QA/R5 - Element B1)

Matrix	Analysis	Number of Samples (without QC) high/low conc	Field QC Samples	
			How many?	Type?
Soil	SOM01.2/Low Soil VOA	107 (including duplicates)		
Soil	SOM01.2/Low Soil by SIM SVOA	107 (including duplicates)		
Soil	ISM01.3/ICP-MS TAL Metals and Mercury (CVAA)	107 (including duplicates)		
Sediment	SOM01.2/Low Soil VOA	33 (including duplicates)		
Sediment	SOM01.2/Low Soil by SIM SVOA	33 (including duplicates)		
Sediment	ISM01.3/ICP-MS TAL Metals and Mercury (CVAA)	33 (including duplicates)		
Water	SOM01.2/Trace Water VOA	48 (including duplicates)		
Water	SOM01.2/Low Water by SIM SVOA	47 (including duplicates)		
Water	ISM01.3/ICP-MS TAL Metals and Mercury (CVAA)	47 (including duplicates)		
Water	ISM01.3/ICP-MS Dissolved Metals	37 (including duplicates)		
Water	Total Suspended Solids SM 2540D	37 (including duplicates)		

Additional description (areas where samples are being collected etc.):

Sediment and surface water sample will be collected from the Wetlands and Intracoastal Waterway at Falcon Refinery. Surface and subsurface soil samples will be collected throughout the site. Water samples associated with these soil samples include trip blanks and equipment rinsates.

2. Analytical protocol required (analytical method & method number, extraction or digestion method & method number, CLP SOW reference, for each matrix if required, etc.): (QA/R5 - Element B4)

Current CLP methods (08/28/12) are: Organics by SOM01.2, Inorganics by ISM01.3

Matrix	Analysis	Methods
Soil	VOCs	SOM01.2/Low Soil
Soil	SVOCs	SOM01.2/Low Soil by SIM
Soil	TAL Metals and Mercury	ISM01.3/ICP-MS
Sediment	VOCs	SOM01.2/Low Soil
Sediment	SVOCs	SOM01.2/Low Soil by SIM
Sediment	TAL Metals and Mercury	ISM01.3/ICP-MS
Water	VOCs	SOM01.2/Trace Water
Water	SVOCs	SOM01.2/Low Water by SIM
Water	TAL Metals and Mercury	ISM01.3/ICP-MS
Water	Dissolved Metals	ISM01.3/ICP-MS
Water	Total Suspended Solids	SM 2540D

Additional Information:

Complete the following information if Method 5035 for VOA soils has been requested:

	# of low conc. soils	# of medium conc. soils	Type of Vials	# of low conc. sediments	# of medium conc. sediments
	107 (Encore)		4oz Amber Jar	33	

3. CLP Modified Analysis Clause - The latest Statement of Works (SOWs), includes a modified analysis clause. The modified analysis allows the regions to request minor changes to current SOW analytical methods in order to meet specific field site requirements. The changes are limited in scope and must be approved by the EPA CLP Program Manager and Contracting Officer before implementation. Information must be submitted **three weeks** prior to the sampling event. The information the client must submit three weeks prior to the sampling event are; Lab Request Form and the approved sampling plan/QAPP.
4. Analytical results required (specify laboratory documentation and reporting requirements, reporting units, format requirements, etc.): (QA/R5 - Elements A6 and B4) CLP analyses or EPA Houston laboratory: Full data packages and EDDs according to protocols. PDF file is requested.
5. Data requirements (reporting limits; per analyte per matrix; reporting units; applicable reference levels, etc.): (QA/R5 - Elements A7, B1, and B4) (Attach extra pages if necessary) For CLP capabilities - <http://www.epa.gov/superfund/programs/clp/facts.htm> For Region 6 Laboratory capabilities - <http://www.epa.gov/earth1r6/6lab/r6lab.htm>

Note: Samples submitted to the CLP for analysis must be low or medium concentration, single phase, homogenous (not oily), soil, sediment, or water. Also, samples with matrix related problems (oily material, high concentration of compounds, etc.) and/or high moisture content will raise the method CRQL's.

- a. Compounds/chemicals of concern (Action levels etc.) – **Required information – List the compounds/analytes driving the investigation and the action level required to meet**

DQO's.

Parameters	Action Levels / Detection Limits	
	water (µg/L)	soil (mg/kg)
Chemicals of concern have not been designated yet. Action levels required to meet DQOs for all analytes being analyzed for are presented in Appendix A of the QAPP Addendum.		

6. QC Requirements (PE samples & frequency, spikes, duplicates, blanks, & frequency)

QC Type	Frequency	QC Limits
MS/MD	1 per 20	
MS/MSD	1 per 20	

7. Data Review Options (For CLP generated data only)

Data review options apply only to data acquired through the CLP. See Attachment 5 (Region 6 Organic/Inorganic Data Review Options).

Data turnaround times refer to calendar days.

Mark the level of data assessment needed:

- ☒ Level 2 – Region 6 Standard (7 day turnaround)*
☐ Level 1 – Modified CADRE (3 day turnaround)*

*** Plus 1 - 5 days for processing and mailing.**

Region 6 Sample Control Center, e-mail to warren.christy@epa.gov or to perez.myra@epa.gov

REQUEST FOR LABORATORY SAMPLE ANALYSES

Site Name: Falcon Refinery Superfund Site	City/State: Ingleside, Texas	CERCLIS #:TXD086278058
GPRA Account #:	Site Spill ID #	Type of Investigation/Purpose: Remedial Investigation
EPA SAM, RPM, OSC: Brian Mueller - RPM	Analytical Turnaround Time	Type of Contract: RACS II
Mail Code: <u>6SF-RL</u>	Region 6 Lab: 35 <u>X</u>	Contractor: : EA Engineering
Telephone #: 214-665-7176 Cell Phone # 214-392-1844	CLP Organics: 7___ 14___ 21 <u>X</u> CLP Inorganics: 7___ 14___ 21 <u>X</u>	Shipping Contact: Alicia Candelaria
Fax #: 214-665-6660	Are preliminary results required? 48 hrs VOA () Yes (X) No 72 hrs Extractables () Yes (X) No 72 hrs Inorganics () Yes (X) No	Telephone #: 505-224-9013
Potential Enforcement Action? (X) Yes () No	Requires justification and prior approval.	On Site Ph #: 505-288-0807
		E-Mail address: acandelaria@eaest.com
		Date Sample Control Center Received Request For Sample Analysis:
Proposed Sampling Period: 16 September 2013		

Please assure that this request for analytical services has been signed and dated by the appropriate Site Assessment Manager, Remedial Project Manager, or On Scene Coordinator. Please assure that the Sample Control Center has a copy of all relevant Quality Assurance Project Plans (QAPPs) and Sampling and Analysis Plans (SAPs).

Is the QAPP, QASP, SAP, O&M Plan, GWMP, DAW, or other relevant plan being submitted with this Request For Sample Analyses? X Yes_ Previously Submitted

If no, please explain (expected date of submission etc.):

Signature of EPA Site Assessment Manager (SAM), Remedial Project Manager (RPM), or On Scene Coordinator (OSC) to signify approval of this analytical service request.

Signature: BW Mueller Date: 8/28/13

1. General description of analytical services requested: (QA/R5 - Element B1)

Matrix	Analysis	Number of Samples (without QC) high/low conc	Field QC Samples	
			How many?	Type?
Soil	SOM01.2/Low Soil VOA	108 (including duplicates)		
Soil	SOM01.2/Low Soil by SIM SVOA	108 (including duplicates)		
Soil	ISM01.3/ICP-MS TAL Metals and Mercury (CVAA)	108 (including duplicates)		
Water	SOM01.2/Trace Water VOA	28 (including duplicates)		
Water	SOM01.2/Low Water by SIM SVOA	12 (including duplicates)		
Water	ISM01.3/ICP-MS TAL Metals and Mercury (CVAA)	29 (including duplicates)		

Additional description (areas where samples are being collected etc.):

Surface and subsurface soil samples will be collected throughout the site. Water samples associated with these soil samples include trip blanks and equipment rinsates.

2. Analytical protocol required (analytical method & method number, extraction or digestion method & method number, CLP SOW reference, for each matrix if required, etc.): (QA/R5 - Element B4)

Current CLP methods (08/28/12) are: Organics by SOM01.2, Inorganics by ISM01.3

Matrix	Analysis	Methods
Soil	VOCs	SOM01.2/Low Soil
Soil	SVOCs	SOM01.2/Low Soil by SIM
Soil	TAL Metals and Mercury	ISM01.3/ICP-MS
Water	VOCs	SOM01.2/Trace Water
Water	SVOCs	SOM01.2/Low Water by SIM
Water	TAL Metals and Mercury	ISM01.3/ICP-MS

Additional Information:

Complete the following information if Method 5035 for VOA soils has been requested:

	# of low conc. soils	# of medium conc. soils		Type of Vials	# of low conc. soils	# of medium conc. soils
	108 (Encore)					

3. CLP Modified Analysis Clause - The latest Statement of Works (SOWs), includes a modified analysis clause. The modified analysis allows the regions to request minor changes to current SOW analytical methods in order to meet specific field site requirements. The changes are limited in scope and must be approved by the EPA CLP Program Manager and Contracting Officer before implementation. Information must be submitted **three weeks** prior to the sampling event. The information the client must submit three weeks prior to the sampling event are; Lab Request Form and the approved sampling plan/QAPP.
4. Analytical results required (specify laboratory documentation and reporting requirements, reporting units, format requirements, etc.): (QA/R5 - Elements A6 and B4) CLP analyses or EPA Houston laboratory: Full data packages and EDDs according to protocols. PDF file is requested.
5. Data requirements (reporting limits; per analyte per matrix; reporting units; applicable reference levels, etc.): (QA/R5 - Elements A7, B1, and B4) (Attach extra pages if necessary) For CLP capabilities - <http://www.epa.gov/superfund/programs/clp/facts.htm>. For Region 6 Laboratory capabilities - <http://www.epa.gov/earth1r6/6lab/r6lab.htm>

Note: Samples submitted to the CLP for analysis must be low or medium concentration, single phase, homogenous (not oily), soil, sediment, or water. Also, samples with matrix related problems (oily material, high concentration of compounds, etc.) and/or high moisture content will raise the method CRQL's.

- a. Compounds/chemicals of concern (Action levels etc.) – **Required information – List the compounds/analytes driving the investigation and the action level required to meet DQO's.**

Parameters	Action Levels / Detection Limits	
	water (µg/L)	soil (mg/kg)
Chemicals of concern have not been designated yet. Action levels required to meet DQOs for all analytes being analyzed for are presented in Appendix A of the QAPP Addendum.		

6. QC Requirements (PE samples & frequency, spikes, duplicates, blanks, & frequency)

QC Type	Frequency	QC Limits
MS/MD	1 per 20	

MS/MSD	1 per 20	

7. Data Review Options (For CLP generated data only)

Data review options apply only to data acquired through the CLP. See Attachment 5 (Region 6 Organic/Inorganic Data Review Options).

Data turnaround times refer to calendar days.

Mark the level of data assessment needed:

- ☒ Level 2 – Region 6 Standard (7 day turnaround)*
☐ Level 1 – Modified CADRE (3 day turnaround)*

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REQUEST FOR LABORATORY SAMPLE ANALYSES


Site Name: Falcon Refinery Superfund Site	City/State: Ingleside, Texas	CERCLIS #:TXD086278058
GPRA Account #:	Site Spill ID #	Type of Investigation/Purpose: Remedial Investigation
EPA SAM, RPM, OSC: Brian Mueller - RPM Mail Code: <u>6SF-RL</u> Telephone #: 214-665-7176 Cell Phone # 214-392-1844 Fax #: 214-665-6660	Analytical Turnaround Time Region 6 Lab: 35 <u>X</u> CLP Organics: 7 <u> </u> 14 <u> </u> 21 <u>X</u> CLP Inorganics: 7 <u> </u> 14 <u> </u> 21 <u>X</u> Are preliminary results required? 48 hrs VOA () Yes (X) No 72 hrs Extractables () Yes (X) No 72 hrs Inorganics () Yes (X) No	Type of Contract: RACS II Contractor: : EA Engineering Shipping Contact: Alicia Candelaria Telephone #: 505-224-9013 On Site Ph #: 505-288-0807 E-Mail address: acandelaria@eaest.com Date Sample Control Center Received Request For Sample Analysis:
Potential Enforcement Action? (X) Yes () No	Requires justification and prior approval.	
Proposed Sampling Period: 23 September 2013		

Please assure that this request for analytical services has been signed and dated by the appropriate Site Assessment Manager, Remedial Project Manager, or On Scene Coordinator. Please assure that the Sample Control Center has a copy of all relevant Quality Assurance Project Plans (QAPPs) and Sampling and Analysis Plans (SAPs).

Is the QAPP, QASP, SAP, O&M Plan, GWMP, DAW, or other relevant plan being submitted with this Request For Sample Analyses? X Yes Previously Submitted

If no, please explain (expected date of submission etc.):

Signature of EPA Site Assessment Manager (SAM), Remedial Project Manager (RPM), or On Scene Coordinator (OSC) to signify approval of this analytical service request.

Signature:  Date: 8/28/13

1. General description of analytical services requested: (QA/R5 - Element B1)

Matrix	Analysis	Number of Samples (without QC) high/low conc	Field QC Samples	
			How many?	Type?
Water	SOM01.2/Trace Water by VOA	33 (including duplicates)		
Water	SOM01.2/Low Water by SIM SVOA	35 (including duplicates)		
Water	ISM01.3/ICP-MS TAL Metals and Mercury (CVAA)	35 (including duplicates)		
Water	ISM01.3/ICP-MS Dissolved Metals	35 (including duplicates)		

Additional description (areas where samples are being collected etc.):

Water samples from monitoring wells installed onsite will be sampled. Water samples will also include trip blanks and equipment rinsates.

2. Analytical protocol required (analytical method & method number, extraction or digestion method & method number, CLP SOW reference, for each matrix if required, etc.): (QA/R5 – Element B4)

Current CLP methods (08/28/12) are: Organics by SOM01.2, Inorganics by ISM01.3

Matrix	Analysis	Methods
Water	VOCs	SOM01.2/Trace Water
Water	SVOCs	SOM01.2/Low Water by SIM
Water	TAL Metals and Mercury	ISM01.3/ICP-MS
Water	Dissolved Metals	ISM01.3/ICP-MS

Additional Information:

Complete the following information if Method 5035 for VOA soils has been requested:

	# of low conc. soils	# of medium conc. soils		Type of Vials	# of low conc. soils	# of medium conc. soils

3. CLP Modified Analysis Clause - The latest Statement of Works (SOWs), includes a modified analysis clause. The modified analysis allows the regions to request minor changes to current SOW analytical methods in order to meet specific field site requirements. The changes are limited in scope and must

be approved by the EPA CLP Program Manager and Contracting Officer before implementation. Information must be submitted **three weeks** prior to the sampling event. The information the client must submit three weeks prior to the sampling event are; Lab Request Form and the approved sampling plan/QAPP.

4. Analytical results required (specify laboratory documentation and reporting requirements, reporting units, format requirements, etc.): (QA/R5 - Elements A6 and B4) CLP analyses or EPA Houston laboratory: Full data packages and EDDs according to protocols. PDF file is requested.
5. Data requirements (reporting limits; per analyte per matrix; reporting units; applicable reference levels, etc.): (QA/R5 - Elements A7, B1, and B4) (Attach extra pages if necessary) For CLP capabilities - <http://www.epa.gov/superfund/programs/clp/facts.htm>. For Region 6 Laboratory capabilities - <http://www.epa.gov/earth1r6/6lab/r6lab.htm>

Note: Samples submitted to the CLP for analysis must be low or medium concentration, single phase, homogenous (not oily), soil, sediment, or water. Also, samples with matrix related problems (oily material, high concentration of compounds, etc.) and/or high moisture content will raise the method CRQL's.

- a. Compounds/chemicals of concern (Action levels etc.) – **Required information – List the compounds/analytes driving the investigation and the action level required to meet DQO's.**

Parameters	Action Levels / Detection Limits	
	water (µg/L)	soil (mg/kg)
Chemicals of concern have not been designated yet. Action levels required to meet DQOs for all analytes being analyzed for are presented in Appendix A of the QAPP Addendum.		

6. QC Requirements (PE samples & frequency, spikes, duplicates, blanks, & frequency)

QC Type	Frequency	QC Limits
MS/MD	1 per 20	
MS/MSD	1 per 20	

7. Data Review Options (For CLP generated data only)

Data review options apply only to data acquired through the CLP. See Attachment 5 (Region 6 Organic/Inorganic Data Review Options).

